



892 Professional Rancimat

2.892.0010

The 892 Professional Rancimat is an analysis system for the simple and safe determination of the oxidation stability of natural fats and oils with the well-established Rancimat method. With eight measuring positions in two heating blocks. The built-in display shows the status of the instrument and each individual measuring position. Start buttons for every measuring position enable the measurement start on the instrument. Cleaning effort can be reduced to a minimum through the use of practical disposable reaction vessels and dishwasher-safe accessories. This saves time and costs and significantly improves accuracy and reproducibility.

All accessories necessary for carrying out determinations are included in the scope of delivery. The StabNet software is required for instrument control, data recording and evaluation and for data storage.

Below, the accessories are grouped into Scope of delivery and Optional accessories.
Please keep this printout at hand for ordering replacement material.
These lists may be subject to change.

Scope of delivery 2.892.0010

Qt.	Order no.	Description
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With built-in conductometric measuring cell.



Conductivity measuring vessel, made of polystyrene, for stability measuring instruments. Set of 50 pieces.



1 PCS

6.1429.040

Reaction vessel short for stability measurements

Reaction vessel for stability measurements with Rancimat and PVC Thermomat. Set of 117 pieces.



8 PCS

6.1451.010

Foam barrier

Foam barrier in reaction vessels for stability measurements.

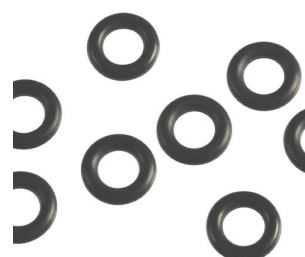


4 PCS

6.1454.040

O-Ring

O-ring for air tube for stability measurements. Set of 8 pieces.



1 PCS

6.1602.145

Drying flask cap

Screw cap with GL 45 thread for the 6.1608.050 drying flask.



1 PCS

6.1608.050

Drying bottle / 100 mL / GL 45



1 PCS

6.1805.010

FEP tubing / M6 / 13 cm

With light and kink protection.



10 PCS

6.1805.080

FEP tubing / M6 / 25 cm

With light and kink protection.



1 PCS

6.1808.020

Tubing adapter olive / M6 inner

1 M6 inner thread and 1 tubing nozzle. Part of the screw connections for Exchange Units and stability measuring instruments.



16 PCS

6.1808.050

Tubing adapter olive / M8 outer

1 M8 outer thread and 1 tubing olive. E.g. for thermostat jacket of exchange units and stability measuring instruments.



8 PCS

6.1808.090

Thread adapter M8 outer / M6 inner

Outer thread M8, inner thread M6, e.g. for mounting 6.2418.XXX Air tubes in 6.1429.XXX Reaction vessels of stability measuring instruments.



24 PCS

6.1816.010

Silicone tubing 0.22 m

Connection tubing for stability measuring instruments.



8 PCS

6.1819.080

Cannula for gas feeding

For stability measuring instruments.



1 PCS

6.1821.040

Filter tube

Filter tube for 6.1608.050 Drying bottle. For Rancimats and Karl Fischer ovens.



1 PCS

6.2041.190

Holder for reaction vessels

Reaction vessel holder for stability instruments; for 8 reaction vessels.



1 PCS

6.2151.130

Cable USB A - USB B / 4.5 m

USB connecting cable

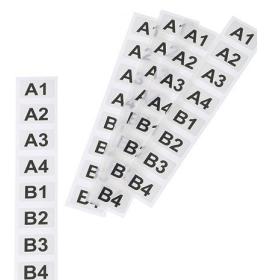


1 PCS

6.2250.000

Labels laminated

Labels for measuring vessel cover for stability measuring instruments.
Labeling: A1, A2, A3, A4, B1, B2, B3, B4. 5 sets of 8 items each.

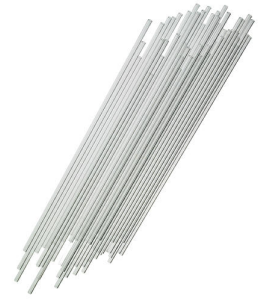


1 PCS

6.2418.100

Air tube for oil measurements

Set of 117 pieces. In combination with 6.1429.040.



1 PCS

6.2628.000

Holder for reaction vessel

Reaction vessel holder for stability instruments; for 1 reaction vessel for weighing in the sample.



1 PCS

6.2724.010

Dust filter

Dust filter for Rancimats and Karl Fischer ovens.



1 PCS

6.2753.107

Reaction vessel cover for stability measurements

For 6.1429.040 or 6.1429.050 Reaction vessel. Set of 100 pieces.



1 PCS

6.2753.200

Oil separator for Rancimats. Package with 8 units.

For collecting volatile sample components or reaction products during stability measurements. It is mounted on 6.1429.0x0 reaction vessels.



1 PCS

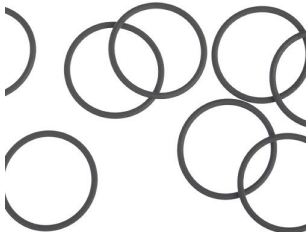
6.6068.921

StabNet 2.x full Demo

Demo version for StabNet. Test version for 30 days.



Optional accessories

Order no.	Description	
6.1111.010	Pt100 temperature sensor for stability measuring devices Pt100 temperature sensor (length 17.5 cm) with fixed cable and mini-DIN-plug. This glass-free temperature sensor is well suited for use with a 711 Liquino and instruments for stability measurement (743 Rancimat, 763 PVC Thermomat, 892 Professional Rancimat, or 895 Professional PVC Thermomat).	
6.1428.030	Glass measuring vessel for stability measurements Conductivity measuring vessel made of clear glass for stability measuring devices	
6.1429.050	Reaction vessel long for stability measurements Reaction vessel for stability measurements involving volatile oils, mineral oils and biodiesel blends with the Biodiesel Rancimat. In combination with 6.2418.130. Set of 100 pieces.	
6.1454.050	Seals to oil separator for Rancimats (8 pieces)	

6.2059.000

Turning ring

Turning ring for the swiveling setup of stability measuring instruments.



6.2324.010

Conductivity standard 100 $\mu\text{S}/\text{cm}$ 250 mL

Conductivity standard for calibration of conductivity measuring cells with cell constant = 0.1/cm.



6.2326.000

Silicone oil for stability measuring instruments (50 mL)

Silicone oil for the determination of temperature correction in stability measuring instruments



6.2418.130

Air tube long for biodiesel measurements

Set of 100 pieces. In combination with 6.1429.050.



6.2757.000 Air collection tube for stability measuring instruments
Including 8 stoppers.



6.2771.000 Sleeve set conductivity stability (8x)

Sleeve set for measuring vessel cover for stability measurement devices in PP.



6.2821.090 Aspiration filter

Pore size: 27 µm. Set of 5 pieces. For aspiration tubing (6.1834.000) and filter tubes (6.1821.040) and (6.1821.050).



6.5616.100 Equipment for determination of temperature correction with Rancimats and PVC Thermomats.

Set for exact temperature adjustment



Assembly of important expendable items for the Rancimat.



Upgrade of StabNet 1.0 or 1.1 (Full) to Stabnet 2.X Full.



PC program for data handling and instrument control of stability measuring instruments. The software permits checks, data acquisition, evaluation and monitoring, as well as generating reports on stability measurements.

Graphical user interface for routine operations, extensive database programs, method development, system configuration, very flexible user administration, extensive data export functions, individually configurable report generator.

StabNet Full complies with the directives according to FDA 21 CFR Part 11.

Dialog languages: German, English

The following instruments are supported:

- 892 Professional Rancimat
- 893 Professional Biodiesel Rancimat
- 895 Professional PVC Thermomat

1 license for max. 4 stability measuring instruments on one PC.

